

5

1.

```

        end;
        i:= i + 1;
end. —

```

2. Please replace the paragraph numbered [0372] beginning at page 122, line 14, with the following rewritten paragraph:

— [0372] The following procedure can be used to compute the worst-case response time of each A-s-k process:

```

i:= 0;
failure:= false;
while i ≤ number-of-A-s-k-processes and not (failure) do
begin
    if  $a_i \in A\text{-s-k}$ 
    then
    begin
         $RE_{newi} := c_{ai}$ ;
        responsetimefound:= false;
        while not(responsetimefound) and not(failure) do
        begin
             $RE_{previousi} := RE_{newi}$ ;
             $RE_{newi} := c_{ai} + DelayA(a_i, RE_{previousi}) + DelayP((a_i, RE_{previousi})$ 
                 $+ B(a_i))$ ;
            if  $RE_{previousi} = RE_{newi}$ 
            then
            begin
                 $RE_{ai} := RE_{newi}$ ;
                responsetimefound:= true;
            end
            if ( $RE_{newi} > responsetimelimit$ )

```

```
        then failure:= true;
    end;
end;
i:= i + 1;
end. —
```